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## RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/901,910

DATE: 07/25/2001

TIME: 14:29:14

Input Set : A:\126p2-s1.txt

Output Set: N:\CRF3\07252001\I901910.raw

3 <110> APPLICANT: Li, Haodong  
 4 Adams, Mark  
 5 Calenda Valerie  
 7 <120> TITLE OF INVENTION: Connective Tissue Growth Factor-2  
 9 <130> FILE REFERENCE: PF126P2  
 C--> 11 <140> CURRENT APPLICATION NUMBER: US/09/901,910  
 12 <141> CURRENT FILING DATE: 2001-07-11  
 14 <150> PRIOR APPLICATION NUMBER: 09/348,815  
 15 <151> PRIOR FILING DATE: 1999-07-08  
 17 <150> PRIOR APPLICATION NUMBER: 08/459,101  
 18 <151> PRIOR FILING DATE: 1995-06-02  
 20 <150> PRIOR APPLICATION NUMBER: PCT/US94/07736  
 21 <151> PRIOR FILING DATE: 1994-07-12  
 23 <150> PRIOR APPLICATION NUMBER: 60/217,402  
 24 <151> PRIOR FILING DATE: 2000-07-11  
 26 <150> PRIOR APPLICATION NUMBER: 60/291,642  
 27 <151> PRIOR FILING DATE: 2001-05-18  
 29 <160> NUMBER OF SEQ ID NOS: 8  
 31 <170> SOFTWARE: PatentIn version 3.0  
 33 <210> SEQ ID NO: 1  
 34 <211> LENGTH: 1146  
 35 <212> TYPE: DNA  
 36 <213> ORGANISM: homo sapiens  
 38 <400> SEQUENCE: 1

39 atgagctccc	gcatcgccag	ggcgctcgcc	ttagtcgtca	cccttctcca	cttgaccagg	60
41 ctggcgctct	ccacctgccc	cgtgcctgc	cactgcccc	tggaggcgcc	caagtgcgcg	120
43 ccggggagtcg	ggctggctcg	ggacggctgc	ggctgctgta	aggtctgcg	caagcagctc	180
45 aacgaggact	gcagaaaaac	gcagccctgc	gaccacacca	aggggctgga	atgcaacttc	240
47 ggcgccagct	ccaccgctct	gaaggggatc	tgcagagctc	agtcagaggg	cagaccctgt	300
49 gaatataact	ccagaatcta	ccaaaacggg	gaaagttcc	agcccaactg	taaacatcag	360
51 tgcacatgta	ttgatggcgc	cgtgggctgc	attcctctgt	gtccccaaaga	actatctctc	420
53 cccaaacttgg	gctgtcccaa	ccctcggtcg	gtcaaagtt	ccgggcagtg	ctgcgaggag	480
55 tgggtctgtg	acgaggatag	tatcaaggac	cccatggagg	accaggacgg	cctcccttggc	540
57 aaggagctgg	gattcgatgc	ctcccgaggtg	gagttgacga	gaaacaatga	attgattgca	600
59 gttggaaaag	gcagctcaact	gaagcggctc	cctgttttg	gaatggagcc	tcgcatccta	660
61 tacaaccctt	tacaaggcca	gaaatgtatt	gttcaaacaa	tttcatggtc	ccagtgccta	720
63 aagacctgtg	gaactggtat	ctcccacacga	gttaccaatg	acaaccctga	gtgcgcctt	780
65 gtgaaagaaa	cccgatttg	tgaggtgcgg	ccttggac	agccagtgt	cagcagcctg	840
67 aaaaaggcga	agaaatgcag	caagaccaag	aatcccccg	aaccagtca	gtttacttac	900
69 gctggatgtt	tgagtgtgaa	gaaataccgg	cccaagtaact	gcgggttcctg	cgtggacggc	960
71 cgatgctgca	cgccccagct	gaccaggact	gtgaagatgc	ggttccgctg	cgaagatggg	1020
73 gagacatttt	ccaagaacgt	catgatgatc	cagtccgtca	aatgcaacta	caactgccc	1080
75 catgccaatg	aagcagcggtt	tcccttctac	aggcttca	atgacattca	caaatttagg	1140
77 gactaa						1146
79 <210>	SEQ ID NO:	2				
80 <211>	LENGTH:	381				
81 <212>	TYPE:	PRT				

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Input Set : A:\126p2-sl.txt  
Output Set: N:\CRF3\07252001\I901910.raw

82 <213> ORGANISM: homo sapiens  
 84 <400> SEQUENCE: 2  
 86 Met Ser Ser Arg Ile Ala Arg Ala Leu Ala Leu Val Val Thr Leu Leu  
 87 1 5 10 15  
 89 His Leu Thr Arg Leu Ala Leu Ser Thr Cys Pro Ala Ala Cys His Cys  
 90 20 25 30  
 92 Pro Leu Glu Ala Pro Lys Cys Ala Pro Gly Val Gly Leu Val Arg Asp  
 93 35 40 45  
 95 Gly Cys Gly Cys Cys Lys Val Cys Ala Lys Gln Leu Asn Glu Asp Cys  
 96 50 55 60  
 98 Ser Lys Thr Gln Pro Cys Asp His Thr Lys Gly Leu Glu Cys Asn Phe  
 99 65 70 75 80  
 101 Gly Ala Ser Ser Thr Ala Leu Lys Gly Ile Cys Arg Ala Gln Ser Glu  
 102 85 90 95  
 104 Gly Arg Pro Cys Glu Tyr Asn Ser Arg Ile Tyr Gln Asn Gly Glu Ser  
 105 100 105 110  
 107 Phe Gln Pro Asn Cys Lys His Gln Cys Thr Cys Ile Asp Gly Ala Val  
 108 115 120 125  
 110 Gly Cys Ile Pro Leu Cys Pro Gln Glu Leu Ser Leu Pro Asn Leu Gly  
 111 130 135 140  
 113 Cys Pro Asn Pro Arg Leu Val Lys Val Thr Gly Gln Cys Cys Glu Glu  
 114 145 150 155 160  
 116 Trp Val Cys Asp Glu Asp Ser Ile Lys Asp Pro Met Glu Asp Gln Asp  
 117 165 170 175  
 119 Gly Leu Leu Gly Lys Glu Leu Gly Phe Asp Ala Ser Glu Val Glu Leu  
 120 180 185 190  
 122 Thr Arg Asn Asn Glu Leu Ile Ala Val Gly Lys Gly Ser Ser Leu Lys  
 123 195 200 205  
 125 Arg Leu Pro Val Phe Gly Met Glu Pro Arg Ile Leu Tyr Asn Pro Leu  
 126 210 215 220  
 128 Gln Gly Gln Lys Cys Ile Val Gln Thr Thr Ser Trp Ser Gln Cys Ser  
 129 225 230 235 240  
 131 Lys Thr Cys Gly Thr Gly Ile Ser Thr Arg Val Thr Asn Asp Asn Pro  
 132 245 250 255  
 134 Glu Cys Arg Leu Val Lys Glu Thr Arg Ile Cys Glu Val Arg Pro Cys  
 135 260 265 270  
 137 Gly Gln Pro Val Tyr Ser Ser Leu Lys Lys Gly Lys Lys Cys Ser Lys  
 138 275 280 285  
 140 Thr Lys Lys Ser Pro Glu Pro Val Arg Phe Thr Tyr Ala Gly Cys Leu  
 141 290 295 300  
 143 Ser Val Lys Lys Tyr Arg Pro Lys Tyr Cys Gly Ser Cys Val Asp Gly  
 144 305 310 315 320  
 146 Arg Cys Cys Thr Pro Gln Leu Thr Arg Thr Val Lys Met Arg Phe Arg  
 147 325 330 335  
 149 Cys Glu Asp Gly Glu Thr Phe Ser Lys Asn Val Met Met Ile Gln Ser  
 150 340 345 350  
 152 Cys Lys Cys Asn Tyr Asn Cys Pro His Ala Asn Glu Ala Ala Phe Pro  
 153 355 360 365  
 155 Phe Tyr Arg Leu Phe Asn Asp Ile His Lys Phe Arg Asp

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Input Set : A:\126p2-s1.txt  
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156	370	375	380	
159 <210>	SEQ ID NO: 3			
160 <211>	LENGTH: 28			
161 <212>	TYPE: DNA			
162 <213>	ORGANISM: homo sapiens			
164 <400>	SEQUENCE: 3			
165 cgcgggatcc	tgcgcgacac aatgagct			28
168 <210>	SEQ ID NO: 4			
169 <211>	LENGTH: 27			
170 <212>	TYPE: DNA			
171 <213>	ORGANISM: homo sapiens			
173 <400>	SEQUENCE: 4			
174 aaaggatcca	aat gagctc ccgaatc			27
176 <210>	SEQ ID NO: 5			
177 <211>	LENGTH: 58			
178 <212>	TYPE: DNA			
179 <213>	ORGANISM: homo sapiens			
181 <400>	SEQUENCE: 5			
182 cgctcttagat	taagcgtagt ctgggacgtc gtatgggtat tggAACAGCC tgtagaag			58
184 <210>	SEQ ID NO: 6			
185 <211>	LENGTH: 1128			
186 <212>	TYPE: DNA			
187 <213>	ORGANISM: homo sapiens			
189 <400>	SEQUENCE: 6			
190 atgagctccc	gaatcgtcag ggagctcgcc ttagtcgtca cccttctcca cttgaccagg			60
192 gtggggctct	ccacctgccc cgctgactgc cactgcccc tggaggcgcc caagtgcgcg			120
194 cccggagtcg	ggctgtccg gcacggctgc ggctgttcta aggtctgcgc caagcagctc			180
196 aacgaggact	gcagaaaaac gcagccctgc gaccacacca aggggctgga atgcaacttc			240
198 ggcccaagct	ccaccgtct gaaggggatc tgcagagctc agtcagaggg cagaccctgt			300
200 gaatataact	ccagaatcta caaaacggg gaaagttcc agcccaactg taaacatcg			360
202 tgcacatgt	ttggatggcg ccggggggct tgcattcctc tgggtccca agaactatct			420
204 ctccccaact	tggctgtcc caaccctcg tggctcaaag ttaccggca gtgtgcgag			480
206 gagtggtct	gtgacgagga tagtatcaag gacccatgg aggaccagga cggccctcct			540
208 ggcaaggggc	tggattcga tgcctccgag gtggagttga cgagaaacaa tgaattgatt			600
210 gcagttggaa	aaggcagctc actgaagcgg ctccctgtt ttggatgga gcctcgcatc			660
212 ctataacaacc	ctttacaagg ccagaaatgt attgtcaaa caacttcatg gtcccagtgc			720
214 tcaaagacct	gtggaactgg tatctccaca cgagttacca atgacaaccc tgagtgcgc			780
216 cttgtgaaag	aaaccggat ttgtgagggtc cggccttgtg gacagccagt gtacagcgc			840
218 ctgaaaaagg	gcaagaaatg cagcaagacc aagaaatccc ccgaaccagt caggtttact			900
220 tacgctggat	gtttgagtgt gaagaaatac cggcccaagt actgcggttc ctgcgtggac			960
222 ggccgatgct	gcacccccca gctgaccagg actgtgaaga tgcggttccc ctgcgaagat			1020
224 ggggagacat	tttccaaagaa cgtcatgtat atccagtctt ccaaatacgaa ctacaactgc			1080
226 cccgcatgcca	atgaagcagc gttcccttc tacaggctgt tccaatga			1128
229 <210>	SEQ ID NO: 7			
230 <211>	LENGTH: 375			
231 <212>	TYPE: PRT			
232 <213>	ORGANISM: homo sapiens			
234 <400>	SEQUENCE: 7			
236 Met Ser Ser Arg Ile Val Arg Glu Leu Ala Leu Val Val Thr Leu Leu				

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237	1	5	10	15
239	His Leu Thr Arg Val Gly Leu Ser Thr Cys Pro Ala Asp Cys His Cys			
240	20	25	30	
242	Pro Leu Glu Ala Pro Lys Cys Ala Pro Gly Val Gly Leu Val Arg Asp			
243	35	40	45	
245	Gly Cys Gly Cys Cys Lys Val Cys Ala Lys Gln Leu Asn Glu Asp Cys			
246	50	55	60	
248	Arg Lys Thr Gln Pro Cys Asp His Thr Lys Gly Leu Glu Cys Asn Phe			
249	65	70	75	80
251	Gly Ala Ser Ser Thr Ala Leu Lys Gly Ile Cys Arg Ala Gln Ser Glu			
252	85	90	95	
254	Gly Arg Pro Cys Glu Tyr Asn Ser Arg Ile Tyr Gln Asn Gly Glu Ser			
255	100	105	110	
257	Phe Gln Pro Asn Cys Lys His Gln Cys Thr Cys Ile Gly Trp Arg Arg			
258	115	120	125	
260	Gly Ala Cys Ile Pro Leu Cys Pro Gln Glu Leu Ser Leu Pro Asn Leu			
261	130	135	140	
263	Gly Cys Pro Asn Pro Arg Leu Val Lys Val Thr Gly Gln Cys Cys Glu			
264	145	150	155	160
266	Glu Trp Val Cys Asp Glu Asp Ser Ile Lys Asp Pro Met Glu Asp Gln			
267	165	170	175	
269	Asp Gly Leu Leu Gly Lys Gly Leu Gly Phe Asp Ala Ser Glu Val Glu			
270	180	185	190	
272	Leu Thr Arg Asn Asn Glu Leu Ile Ala Val Gly Lys Gly Ser Ser Leu			
273	195	200	205	
275	Lys Arg Leu Pro Val Phe Gly Met Glu Pro Arg Ile Leu Tyr Asn Pro			
276	210	215	220	
278	Leu Gln Gly Gln Lys Cys Ile Val Gln Thr Thr Ser Trp Ser Gln Cys			
279	225	230	235	240
281	Ser Lys Thr Cys Gly Thr Gly Ile Ser Thr Arg Val Thr Asn Asp Asn			
282	245	250	255	
284	Pro Glu Cys Arg Leu Val Lys Glu Thr Arg Ile Cys Glu Val Arg Pro			
285	260	265	270	
287	Cys Gly Gln Pro Val Tyr Ser Ser Leu Lys Lys Gly Lys Lys Cys Ser			
288	275	280	285	
290	Lys Thr Lys Lys Ser Pro Glu Pro Val Arg Phe Thr Tyr Ala Gly Cys			
291	290	295	300	
293	Leu Ser Val Lys Lys Tyr Arg Pro Lys Tyr Cys Gly Ser Cys Val Asp			
294	305	310	315	320
296	Gly Arg Cys Cys Thr Pro Gln Leu Thr Arg Thr Val Lys Met Arg Phe			
297	325	330	335	
299	Pro Cys Glu Asp Gly Glu Thr Phe Ser Lys Asn Val Met Met Ile Gln			
300	340	345	350	
302	Ser Ser Lys Cys Asn Tyr Asn Cys Pro His Ala Asn Glu Ala Ala Phe			
303	355	360	365	
305	Pro Phe Tyr Arg Leu Phe Gln			
306	370	375		
308	<210> SEQ ID NO: 8			
309	<211> LENGTH: 30			

RAW SEQUENCE LISTING  
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Input Set : A:\126p2-s1.txt  
Output Set: N:\CRF3\07252001\I901910.raw

310 <212> TYPE: DNA  
311 <213> ORGANISM: homo sapiens  
313 <400> SEQUENCE: 8  
314 cgcgggtacc aggttagcatt tagtccctaa

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VERIFICATION SUMMARY  
PATENT APPLICATION: US/09/901,910

DATE: 07/25/2001  
TIME: 14:29:15

Input Set : A:\126p2-s1.txt  
Output Set: N:\CRF3\07252001\I901910.raw

L:11 M:270 C: Current Application Number differs, Replaced Current Application Number